Index of Claims

| Application No.      | Applicant(s)   |
|----------------------|----------------|
| 10/674,035           | WINTERS ET AL. |
| Examiner             | Art Unit       |
| Jong-Suk (James) Lee | 3673           |

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|----------|----------|--|----|
| _        | Allowed  |  |    |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
|   | Interference |

| Α | Appeal   |
|---|----------|
| o | Objected |

| Cla          | aim      | Date   |              |   |          |  |              | 1::::        | Claim Date |              |   |             |          |                 |                |          | CI        | aim          | Date      |           |              |       |       |            |          |          |           |          |          |   |          |          |          |
|--------------|----------|--|--------------|---|----------|--|--------------|--------------|------------|--------------|---|-------------|----------|-----------------|----------------|----------|-----------|--------------|-----------|-----------|--------------|-------|-------|------------|----------|----------|-----------|----------|----------|---|----------|----------|----------|
|              |          | _  |              |   |          |  | Γ            |              |            |              |   |             |          | П               | $\Box$         | Т        | Т         | T            | T         |           | Γ            |       |       | -ed        |          |          |           |          |          |   | T        | T        | $\neg$   |
| Final        | Original | 4/22/04  |              |   |          |  |              |              |            |              |   | Final       | Original |                 |                |          |           |              |           |           |              |       | Final | Original   |          |          |           |          |          |   |          | -        |          |
| 這            | ,<br>ji, | 5  |              |   | l        |  |              |              |            |              |   | ίĒ          | Į.       |                 |                |          |           |              |           |           |              |       | Œ     | )<br>jrj   |          |          |           |          |          |   |          | - 1      |          |
|              |          |  |              |   | L        | ┖  | ┖            | L            | L          | _            | 1 |             |          | Ш               |                | _        | _         | $\perp$      | $\bot$    |           | ╙            |       |       |            |          |          |           |          |          |   | _        | _        | _        |
|              | 1        | 1  | Ц            |   | L_       | <u> </u>   | _            | <u> </u>     | L          | 1_           |   |             | 51       |                 | _              | $\dashv$ | _         | $\perp$      | $\bot$    | _         | ļ            |       |       | 101        |          |          |           | _        |          |   | -        | _        | _        |
|              | 2        | 1  |              | _ | _        | <u> </u>   | <u> </u>     | ╙            | Ļ          | _            |   |             | 52       | $\sqcup$        | _              | _        | _         | $\perp$      | $\bot$    | -         | ╄            |       |       | 102        |          | -        | _         |          |          | _ | -        | 4        | _        |
|              | 3        | 1  |              |   | <u> </u> | _  | ┞            |              | ┡          | -            |   |             | 53       | $\sqcup$        | _              | 4        | -+        | +            | +         | -         | ├-           |       |       | 103        |          | $\vdash$ | $\Box$    |          | _        |   | $\dashv$ |          |          |
|              | 4        | 1  |              |   | -        | 1  | $\vdash$     | ├-           | ╀          | ┼            | - |             | 54       | Н               | -              | $\dashv$ | -         | -            | +         | +         | ╀            |       |       | 104<br>105 |          | $\vdash$ | $\vdash$  | _        |          | - | -+       | $\dashv$ | $\dashv$ |
| $\vdash$     | 5<br>6   | 1  | -            |   |          | ⊢  | $\vdash$     | <del> </del> | ⊬          | +-           | 1 |             | 55<br>56 | Н               | -+             | $\dashv$ | -+-       | +            | +         | +         | ╁            |       |       | 106        |          | $\vdash$ | $\vdash$  | _        |          | Н | -+       | $\dashv$ | $\dashv$ |
| ├─           | 7        | V  | Н            |   | -        | ┢  | ┢            | ┼            | ╁          | +            | 1 |             | 57       | $\vdash$        | $\dashv$       | $\dashv$ | +         | +            | +         | +         | ╁╌           |       |       | 107        |          | $\vdash$ |           | -        |          | - | +        | -        | $\dashv$ |
| ┝──          | 8        | V  | Н            |   | -        | $\vdash$   | $\vdash$     | ┼-           | ╁╴         | ╁            | 1 |             | 58       | H               | 十              | +        | $\dashv$  | $\dashv$     | +         | +         | ╫            |       |       | 108        |          |          |           |          |          |   | ┪        | -        | ᅥ        |
| $\vdash$     | 9        | V  | H            |   |          | ┢  | $\vdash$     | ├            | +          | ╁            | 1 |             | 59       | H               | $\dashv$       | -        | +         | +            | +         | +         | ╁            |       |       | 109        |          |          |           |          |          |   | 7        | 1        | ヿ        |
| <b></b>      | 10       | 1  | -            |   |          | <del>                                     </del> | 1            | t            | t          | +-           | 1 |             | 60       | H               | $\dashv$       | $\dashv$ | ┪         | $\top$       | +         | +         | T            |       |       | 110        |          | П        |           |          |          |   |          | $\neg$   | ┪        |
|              | 11       | X  | Н            |   |          | 一  | $\vdash$     | T            | T          | $\dagger$    | 1 |             | 61       | 1               | 十              | $\dashv$ | $\top$    | $\top$       | $\top$    | +         | †            |       |       | 111        |          |          |           | _        | _        |   | 寸        | コ        | ┪        |
|              | 12       | 1  | Н            |   | H        |  | T            | $\top$       | Τ          | T            | 1 |             | 62       | $\Box$          | 一              | 7        | $\top$    | 十            | 十         | 1         | T            |       |       | 112        |          |          |           |          |          |   | 寸        |          |          |
|              | 13       | Х  | П            |   |          |  | T            |              |            |              | ] |             | 63       |                 |                | _1       | _         |              |           |           |              |       |       | 113        |          |          |           |          |          |   |          |          |          |
|              | 14       | √  |              |   |          |  |              |              |            |              |   |             | 64       |                 |                | ╧        |           | ightharpoons | I         | Ι         |              |       |       | 114        |          |          |           |          |          |   |          |          |          |
|              | 15       | 1  |              |   |          |  |              |              |            |              |   |             | 65       |                 |                | T.       |           |              |           |           |              |       |       | 115        |          |          |           |          |          |   |          |          |          |
|              | 16       | X  |              |   |          |  |              |              |            | T            |   |             | 66       |                 |                |          |           |              |           |           |              |       |       | 116        |          |          |           |          |          |   |          |          |          |
|              | 17       | √  |              |   |          |  |              |              |            |              | ] |             | 67       |                 |                |          |           |              |           |           |              |       |       | 117        |          |          |           |          |          |   |          |          |          |
|              | 18       | Х  |              |   |          |  |              |              |            |              | ] |             | 68       |                 |                |          | $\perp$   | $\perp$      | _         |           | 上            |       |       | 118        |          |          |           |          |          |   | _        | _        | Ц        |
|              | 19       | √  |              |   |          | <u> </u>   | L            | $\perp$      | L          | $\perp$      | 1 |             | 69       |                 |                | _        | _         | _            | 4         | ↓_        | ┖            |       |       | 119        |          |          |           |          |          |   | _        | _        | _        |
| L            | 20       | 1  |              |   |          | ┖  | 1            |              | L          | ╙            | 1 |             | 70       | Ш               | _              | 4        |           | _            | _         |           | _            |       |       | 120        | _        |          |           |          |          |   | _        | _        | _        |
|              | 21       | 1  |              |   |          | <u> </u>   | <u> </u>     | <u> </u>     | L          |              | 4 |             | 71       | Ш               | 4              | 4        | _         | 4            | _         | _         | ↓            |       |       | 121        | _        |          |           |          |          |   | _        |          | _        |
| <u> </u>     | 22       | 1  | Ш            |   |          | _  | <u> </u>     | ↓            | <u> </u>   |              | 4 | ļ           | 72       | $\vdash$        | $\dashv$       | -        | -         | _            | +         | -         | <u> </u>     | l     |       | 122        | _        | $\Box$   |           |          |          |   |          |          |          |
|              | 23       | 1  |              |   |          | ┡  | 1            | ļ            | ļ          | +            | - |             | 73       | Н               | $\dashv$       | -        | -         | +            | +         |           | -            |       |       | 123        | _        |          |           |          |          |   | -        |          | ႕        |
|              | 24       | <u> </u>   | $\vdash$     | _ |          | ┢  | -            | -            | ١.         |              | 4 | <u> </u>    | 74<br>75 | $\vdash \vdash$ | $\dashv$       | $\dashv$ | +         | +            | +         | +-        | ╁            | liiii |       | 124<br>125 | _        |          |           |          |          |   | -+       |          |          |
| ├─           | 25       | -  |              |   | _        | -  | ╀            | $\vdash$     | ╁          | +            | - |             | 76       | <del>  </del>   | -+             | $\dashv$ | +         | +            | ┿         | +-        | ⊢            |       |       | 126        |          |          |           | _        |          |   | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>     | 26<br>27 |  | Н            |   | -        |  | <del> </del> | ╀            | ╁          | +            | ┨ |             | 77       | $\vdash$        | +              | -        | +         | +            | +         | +         | ╁            |       |       | 127        | -        |          |           |          | -        |   | -+       | $\dashv$ | $\dashv$ |
|              | 28       | -  | -            | _ | -        | $\vdash$   | ╁            | $\vdash$     | ⊢          | +            | - |             | 78       | Н               | +              | $\dashv$ | +         | +            | ┿         | +         | ╁            |       |       | 128        | _        |          |           | _        | _        | - | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 29       | $\vdash$   | $\vdash$     |   |          | ┼─   | ╁╌           | ┼            | H          | +            | 1 |             | 79       |                 | $\dashv$       | $\dashv$ | +         | +            | +         | +-        | ╁            |       |       | 129        |          | $\vdash$ | $\vdash$  |          |          | Н | -+       | -        | $\dashv$ |
| _            | 30       | _  |              |   | -        | ╁╾   | ╁            | +            | ╁          | +            | ┨ |             | 80       | $\vdash$        | -              | $\dashv$ | +         | +            | +         | ╁╴        | ╁╌           | 1     |       | 130        | _        |          |           | _        |          |   | $\dashv$ | $\dashv$ | 一        |
| <del></del>  | 31       |  | H            |   |          | <del>                                     </del> | H            | +            | H          | +            | 1 |             | 81       | $\vdash$        | 一十             | ┪        |           | +            | +         | +         | +            | liii  |       | 131        | _        | -        |           | _        |          |   | _        | 一        | ᅥ        |
|              | 32       |  |              |   | _        | $\vdash$   | $\vdash$     | +-           | T          | T            | 1 |             | 82       | Ħ               | $\neg \dagger$ | _        | 7         | _            | $\dagger$ | +         | +            |       |       | 132        |          |          |           |          |          |   | 7        | ┪        | $\neg$   |
|              | 33       |  |              |   |          | t  | ı            | 1            | T          |              | 1 |             | 83       | П               | 寸              | 7        | T         | T            | T         | 1-        | T            | 1     |       | 133        |          |          |           |          |          |   | 寸        | コ        |          |
|              | 34       | $\vdash$   | П            |   | Г        |  |              | T            | T          | 1            | 1 |             | 84       | П               | 7              | $\dashv$ | $\exists$ | $\top$       | $\top$    | 1         |              | 1     |       | 134        |          |          |           |          |          |   |          |          |          |
|              | 35       |  |              | _ |          |  |              |              |            | $\Gamma$     |   |             | 85       |                 |                |          |           |              | ┚         |           |              | ]     |       | 135        |          |          |           |          |          |   |          |          |          |
|              | 36       |  |              | _ |          |  |              |              |            | П            |   |             | 86       |                 |                |          |           | $\Box$       |           | $oxed{T}$ |              | ]     |       | 136        |          |          |           |          |          |   |          |          |          |
|              | 37       |  | Ш            | _ |          |  |              |              | $\Box$     |              | 1 |             | 87       | $\Box$          | $\perp$        | $\perp$  | $\perp$   | $\perp$      |           |           |              |       |       | 137        |          |          | Ш         |          |          |   | [        | [        | _]       |
|              | 38       | <u> </u>   | $oxed{oxed}$ |   |          |  |              |              |            | $\perp$      | 1 |             | 88       | Ц               |                | _        | _         | ┙            | $\perp$   |           |              |       |       | 138        |          |          | Ш         |          |          |   |          | _        | _        |
|              | 39       | _  | Ш            |   |          |  | <u> </u>     | <u> </u>     | L          | ļ            | J |             | 89       |                 |                | _        | _         | $\perp$      |           | 4_        |              |       |       | 139        |          |          |           |          |          |   | _        | _        | _        |
|              | 40       | <u> </u>   | Ш            |   | L        | <u> </u>   | 1_           | ┺            | 1_         | <del> </del> | 4 | ļ           | 90       | Ш               | $\perp$        | _        | _         | 4            | 4         | _         | ــــ         |       |       | 140        | _        | Ш        | Щ         |          | _        | Ш | _        | _        | _        |
|              | 41       | <u> </u>   | Ш            |   | L        | <u> </u>   | 1_           | $\vdash$     | ↓_         | _            | 4 | <u> </u>    | 91       | $\sqcup$        | $\perp$        | _        |           | 4            | 4         | $\bot$    | 1_           |       |       | 141        |          |          | Щ         |          |          | Щ | _        | _        | _        |
|              | 42_      | <u> </u>   | Щ            |   | _        | ├_   | ╀            | ╄            | ـ          | 4            | 4 |             | 92       | $\sqcup$        | $\dashv$       |          |           | +            | 4         | +         | ļ            |       |       | 142        | <u> </u> | Щ        | Ш         |          |          |   | -        | _        |          |
| <u> </u>     | 43_      | <del> </del>                                     | Ш            |   | _        | $\vdash$   | <u> </u>     | $\vdash$     |            | +            | 4 | ļ           | 93       | $\vdash \vdash$ | $\dashv$       | $\dashv$ | +         | - -          | - -       | +         | <del> </del> |       |       | 143        |          | Н        | $\square$ | _        |          |   | _        |          |          |
|              | 44       | $\vdash$   | Н            |   | _        | ⊢  | ╁-           | -            | ╄          | +-           | 4 |             | 94       | $\vdash$        | $\dashv$       | +        | +         |              | +         | +-        | +-           | l     |       | 144        | <b>-</b> |          | $\vdash$  |          | $\vdash$ | Н | -+       |          | $\dashv$ |
| <u> </u>     | 45       | ├-   | $\vdash$     |   | <u> </u> | ├  | 1            | -            | +          | +-           | 4 |             | 95       | $\vdash \vdash$ | +              | $\dashv$ | +         | +            | +         | +         | -            |       |       | 145<br>146 | -        | $\vdash$ | $\vdash$  | $\vdash$ |          | Н | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>     | 46<br>47 | -  | $\vdash$     |   | $\vdash$ | ├-   | ╁            | +            | +-         | +            | 1 | ļ           | 96<br>97 | $\vdash$        | $\dashv$       | $\dashv$ | $\dashv$  | +            | +         | +         | ╁            | l     |       | 146        |          | $\vdash$ | $\vdash$  | $\vdash$ |          | - | -+       | $\dashv$ | $\dashv$ |
| <del> </del> | 47       | -  | Н            |   | -        | $\vdash$   | ╁            | +            | ╁          | +            | 1 |             | 98       | $\vdash \vdash$ | $\dashv$       | +        | $\dashv$  | +            | +         | +         | $\vdash$     | ł     |       | 148        | -        | -        | $\vdash$  | -        |          | - | -+       | $\dashv$ | $\dashv$ |
| $\vdash$     | 49       | $\vdash$   | Н            |   | ┝        | ┼  | +            | +            | $\vdash$   | +            | 1 | <del></del> | 99       | $\vdash \vdash$ | $\dashv$       | $\dashv$ | +         | +            | +         | +         | ╁            |       |       | 149        | -        | H        |           |          |          | - | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 50       | <del>                                     </del> | $\vdash$     |   | $\vdash$ | $\vdash$   | H            | $\vdash$     | t          | $\dagger$    | 1 | <del></del> | 100      | ╁┼              | _              | $\dashv$ | $\dashv$  | +            | +         | +         | †            |       |       | 150        |          | Н        | $\vdash$  |          | Н        | Н | $\dashv$ | $\dashv$ | ᅥ        |
|              |          |  |              |   |          | 1  |              |              | 1          |              |   |             |          |                 |                |          | 1         |              | - 1       |           | 4            |       |       |            |          |          |           |          | _        |   |          |          |          |